References

1. Aguirre,L.M and Letellier, C. (2009). Modelling nonlinear dynamics and chaos: a review, mathematical problems in engineering Hindawi publishing. doi:10.1155/2009/238960
2. Aissi.C. (2002) Introducing chaotic circuits in an undergraduate electronic course. Proceedings of the 2002 ASEE Gulf-Southwest Annual Conference
3. Awrejcewicz,J and Calvisi,M.L(2002). Mechanical models of Chua's circuit. International journal of Bifurcation and chaos, Vol 12 No.4 671-686c. World Scientific Publishing Company.
4. Bae,S (2009) Chaos; A topic for interdisciplinary education in physics, *European Journal of Physics*, v30 n4 p677-684.
5. Bertacchini, F. et.al (2009) Learning chaos in an interactive virtual museum. Workshop proceedings Aug 19-21, Aachen, Germany
6. Bertacchini. F. et.al (2013) Towards the use of Chua's circuit in Education, Art and Interdisciplinary Research: Some implications and Opportunities
7. Boeing, G. 2016. "Visual Analysis of Nonlinear Dynamical Systems: Chaos, Fractals, Self-Similarity and the Limits of Prediction." Systems, 4(4), 37-54 DOI:10.3390/systems4040037
8. Bilotta.E et.al, (2010). Chaos at School: Chua's Circuit for Students in Junior and Senior High School. International Journal of Bifurcations and Chaos 20. 1-28. 10.1142/S0218127410025375.
9. Bilotta E. et.al (2005), Reading complexity in chaos oscillator through music. Part 1: A new way of understanding chaos. International Journal of Bifurcations and Chaos 15 253
10. Bilotta E et.al (2006), The language of chaos, International Journal of Bifurcations and Chaos 16 523
11. Byagowi. A andKinsner. W (2012)implementation of chua circuit to demonstrate bifurcations and strange attractors in class Proc. 2012 Canadian Engineering Education Association (CEEA12) Conf

12. Captur,G.et.al (2015)Fractal frontiers in cardiovascular magnetic resonance: towards clinical implementation. Journal of cardiovascular magnetic resonance. DOI: 10.1186/s12968-015-0179-0
13. Denis F, Letellier C (2012).Chao's theory; a fascinating concept for oncologists. Cancer Radiother. 2012 May;16(3):230-6. DOI: 10.1016/j.canrad.2012.01.003
14. Di Leva.A et.al. (2015) Fractals in the Neurosciences, Part II: Clinical Applications and Future Perspectives. The Neuroscientist 2015, Vol. 21(1) 30–43
15. Faure.P& Korn, H (2001) **I**s there chaos in the brain? Concepts of nonlinear dynamics and methods of investigation. Pubmed.
16. Holm.S.Does chaos theory have major implications for philosophy of medicine? BMJ journal. Vol.28.issue 2.
17. Helmberg,G. (2007) Getting Acquainted with Fractals. Berlin. Walter de Gruyter
18. Hilborn, R.C (2003)Chaos and Nonlinear Dynamics; An introduction for Scientists and Engineers.New York. Oxford University Press.
19. Ionescu.C.et.al (2015). Nonlinear control of chaotic circuits.
20. Kautz, R. Chaos; The science of Predictable Random Motion. (2011). Oxford, Oxford University Press.
21. Kilic. R, (2010). A Practical Guide for Studying Chua's Circuits. Singapore. World Scientific Publishing
22. Losa, G.A. (2012) Fractals and their contribution to biology and medicine.Medicographia. Vol 34.No3
23. Oestreicher C. (2007). A history of chaos theory. Dialogues in clinical neuroscience, 9(3), 279-89.
24. Pezard, L and Nandrino J.L (2001). Dynamic paradigm of psychopathology. "Chaos theory" from physics to psychiatry.2001 May-Jun; 27(3):260-8.
25. Poon, C.S.et.al (2010), A unified theory of chaos linking nonlinear dyanmics and statistical physics **arXiv:1004.1427v1 [nlin.CD]**
26. Rickles, D., Hawe, P., &Shiell, A. (2007). A simple guide to chaos and complexity. Journal of epidemiology and community health, 61(11), 933-7.
27. Saeed,M.(2005). Fractals analysis of cardiac arrhythmias.Scientific World Journal. DOI: 10.1100/tsw.2005.81

28. Sala, N. (2003)Fractal Geometry And Self-Similarity In Architecture: An Overview Across The Centuries. ISAMA; International Society of the Arts , Mathematics and Architecture
29. Sanjaya.M. et.al (2011)Nonlinear Dynamics of Chaotic Attractor of Chua Circuit and Its Application for Secure Communication .J.Oto.Ktrl.Inst (J. Auto.Ctrl.Inst) Vol 3 (1)
30. Scharf, Y. (2017). Review: A chaotic outlook on biological systems. Chaos, Solitons And Fractals: The Interdisciplinary Journal Of Nonlinear Science, 9542-47. doi:10.1016/j.chaos.2016.12.013
31. Seoane,J,M. et.al (2008).Teaching nonlinear dynamics and chaos for beginners. Latin-American Journal of Physics Education, ISSN 1870-9095, Vol. 2, Nº. 3, 2008.
32. Sharma,V. (2016)The Application of Chaos Theory and Fractal Mathematics to the Study of Cancer Evolution: Placing Metabolism and Immunity Centre Stage. KEI journal. Vol 4 No 6.
33. Silva,P H O et.al (2018). Graphical interface as a teaching aid for nonlinear dynamical systems. European Journal of Physics. 39. 10.1088/1361-6404/aae35c.
34. Sprott, J.C.(2003)Ckaos and Time-Series Analysis. Oxford, United Kingdom. Oxford University press.
35. Stergiou,N& Decker, L.M (2011). Human movement variability, nonlinear dynamics and pathology: is there a connection? Human movement Science 30 (869-888)
36. Suneel, M. (2006) Electronic circuit realization of the logistic map. Sadhana. 31: 69. https://doi.org/10.1007/BF02703801
37. Sungar,N.et.al (2001), A Laboratory based nonlinear dynamic course for science and engineering students, American Journal of Physics, Vol 69 No 5.
38. Wierzgon,M.M.et.al (2006) Chaos theory in health and diseases-Application for clinical medicine, Polish journal of environmental studies.Vol15,No2b,1439-1441